

Appl No. 09/849,786
Amdt. dated November 12, 2004
Reply to Office action of August 12, 2004

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A communications module comprising:

a first section for processing data in accordance with at least a first communication standard, wherein processing data in accordance with at least a first communication standard includes at least one of modulating and demodulation the data; and

a second section for transmitting and receiving data via an antenna in accordance with the first communication standard, said second section detachable from the first section, wherein said second section is replaceable with a third section for transmitting and receiving data via an antenna in accordance with a second communication standard.
2. (Original) A communications module according to claim 1, wherein said first communication standard uses a first frequency band.

Claim 3 (Cancelled)

4. (Original) A communications module according to claim 1, wherein said second communication standard uses a second frequency band.

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5. (Original) A communications module according to claim 1, wherein said first section and said second section are electrically connected via respective mating connecting members.
6. (Original) A communications module according to claim 1, wherein said first section includes a Medium Access Control (MAC) processing system, and a physical layer (PHY) processing device.
7. (Original) A communications module according to claim 6, wherein said first section includes at least one memory device.
8. (Original) A communication module according to claim 6, wherein said first section includes a second connecting member for electrically connecting said first section with a HOST processor.
9. (Currently Amended) A communications module according to claim 1, wherein said second section includes a first circuit for converting signals between ~~radio frequencies~~ radio frequencies and intermediate frequencies.
10. (Original) A communications module according to claim 9, wherein said second section includes a second circuit for converting a signal between intermediate frequencies and baseband frequencies.

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11. (Original) A communications module according to claim 1, wherein said second section includes a first circuit for converting signals between radiofrequencies and baseband frequencies.

12. (Original) A communications module according to claim 1, wherein said second section includes a low noise amplifier (LNA).

13. (Currently Amended) A communications module comprising:
a first section including means for processing data in accordance with at least a first communication standard, wherein processing data in accordance with at least a first communication standard includes at least one of modulating and demodulation the data; and
a second section including means for transmitting and receiving data via an antenna in accordance with the first communication standard, said second section detachable from the first section, wherein said second section is replaceable with a third section including means for transmitting and receiving data via an antenna in accordance with a second communication standard.

14. (Original) A communications module according to claim 13, wherein said first communication standard uses a first frequency band.

Claim 15 (Cancelled)

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16. (Original) A communications module according to claim 13, wherein said second communication standard uses a second frequency band.

17. (Original) A communications module according to claim 13, wherein said first section and said second section are electrically connected via respective means for connecting.

18. (Original) A communications module according to claim 13, wherein said first section includes a Medium Access Control (MAC) processing system, and a physical layer (PHY) processing device.

19. (Original) A communications module according to claim 18, wherein said first section includes at least one means for storing data.

20. (Original) A communication module according to claim 18, wherein said first section includes a connecting means for electrically connecting said first section with a HOST processor.

21. (Original) A communications module according to claim 13, wherein said second section includes first conversion means for converting signals between radiofrequencies and intermediate frequencies.

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22. (Original) A communications module according to claim 21, wherein said second section includes a second conversion means for converting a signal between intermediate frequencies and baseband frequencies.

23. (Original) A communications module according to claim 13, wherein said second section includes conversion means for converting signals between radiofrequencies and baseband frequencies.

24. (Original) A communications module according to claim 13, wherein said second section includes means for amplifying a signal.